

## ABSTRACT OF THE DISCLOSURE

A system and method for automatic insertion of enhanced personal address  
book contact data from the telephone. The PAB telephone network-based system  
5 includes an application unit to coordinate the addition of new contact data by a user  
via his telephone, and/or is used in conjunction with his Web-browser or other  
Internet/Intranet access device. The system includes an ASR recognition server used  
to assist in adding a new contact to the PAB, and also to match the spoken name  
gathered with the possible data augmented data as extracted from a system-resident  
10 white pages, or other source, such as an external white pages. The system is  
connected to a telephone network, or group of telephone networks including elements  
from one or a combination of components of E1, T1 or VoIP apparatus. When at least  
one name matching the new contact telephone number is found, the system attempts  
to automatically confirm it or choose between the names based on matching the  
15 spoken name and the textual name found using ASR. The appropriate matching name  
and associated data from the White pages are inserted in the PAB of the user as a new  
contact entry. The augmented text name of the contact can be used by the ASR  
subsystem to replace the original training or can be used in addition to the original  
training.